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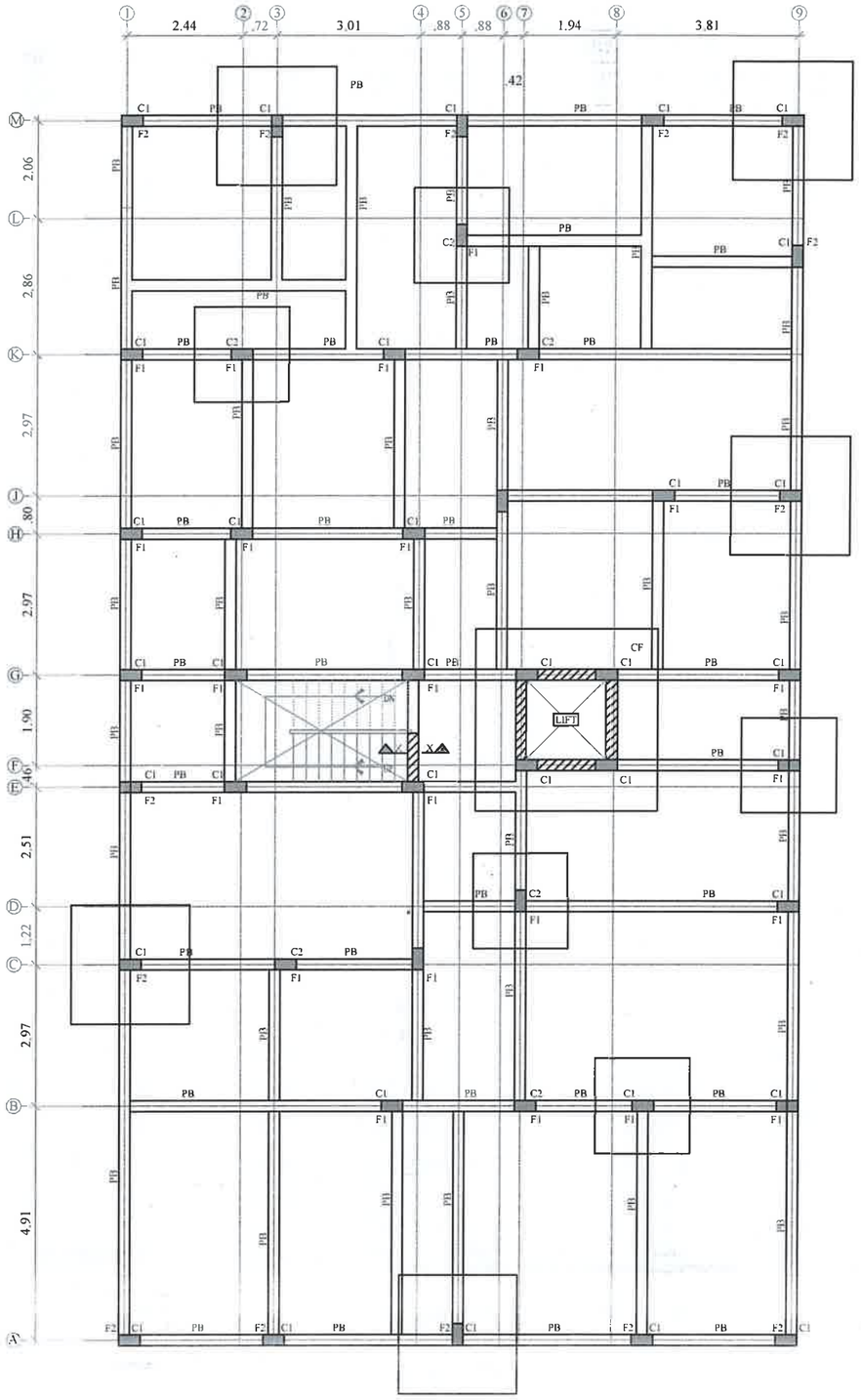
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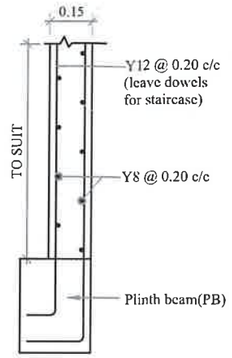
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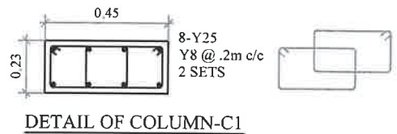
LAYOUT OF FOUNATION, PLINTH BEAM AND COLUMN (BLOCK-1)

(ALL GRID DIMENSIONS SHALL BE CHECKED WITH ARCHITECTURAL DRG.)

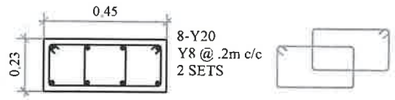
FOOTING SCHEDULE					
FOOTING MKD	FOOTING SIZE	EXCAVATION SIZE	D	REINFORCEMENT AT BOTTOM (BW)	REINFORCEMENT AT TOP (BW)
F1	2.00 x 2.00	2.15 x 2.15	0.45	Y12 @ 0.1 C/C	----
F2	3.00 x 3.00	3.15 x 3.15	0.525	Y16 @ 0.15 C/C	----
CF	4.00 x 4.00	4.15 x 4.15	0.60	Y16 @ 0.1 C/C	Y12 @ 0.1 C/C



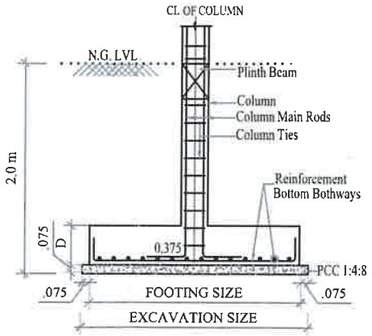
SECTION X-X



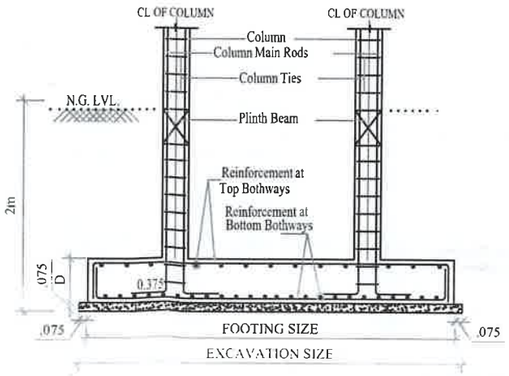
DETAIL OF COLUMN-C1



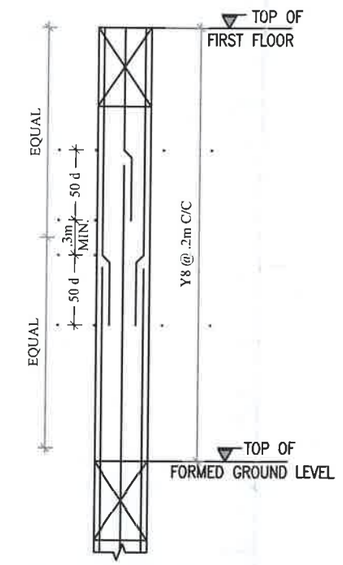
DETAIL OF COLUMN-C2



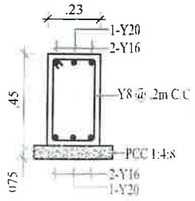
DETAIL OF FOOTING - F1 & F2



DETAIL OF FOOTING - CF



TYPICAL DETAIL OF COLUMN FOR LAPPING OF COLUMN BARS



C.S OF PLINTH BEAM-PB

LEGENDS:

LVL : LEVEL
T&B : TOP & BOTTOM
B/W : BOTHWAYS
---- : TOP BAR
—— : BOTTOM BAR

GENERAL NOTES :

1. Grade of Concrete and steel : M-25 & Fe-550-D.
2. Mix of Concrete shall be designed as per IS 456 – 2000.
3. Cement shall be generally be of 53 Grade – unless otherwise specified.
4. Clear cover to reinforcement shall be as follows:
   Slab – 20 mm (3/4")
   Beam – 25 mm (1")
   Column – 40 mm (1½")
5. Lapping shall be 50 times diameter of smaller bar
6. Lapping shall be staggered.
7. For columns, if lapping is required, it shall be provided at midway between two floors.
8. For beams, lapping of bars shall be avoided at bottom at center of beam (i.e)at span.
9. For beams, lapping of bars shall be avoided at top of beam at Column – Beam joint (i.e) at support.
10. All dimensions are in "metres"
10. SBC is considered as 200 kN/sq.m at 2.0 m depth as per Soil report.

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REV	DESCRIPTION	DRAWN	CHKD.	DATE
0	RELEASED FOR CONSTRUCTION	RAHMAN	PRIYA	15.10.24

NOTES:
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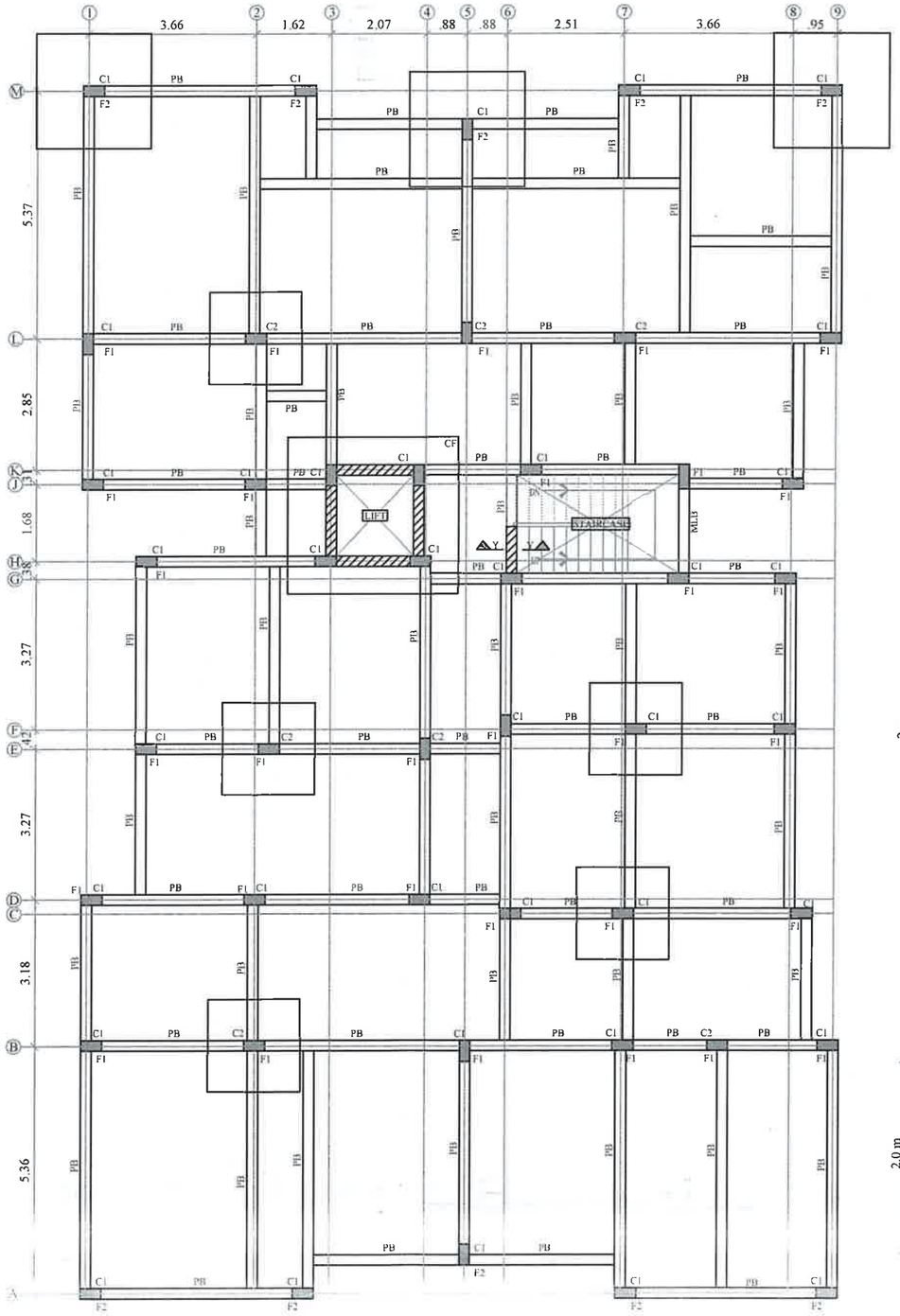
Client:
HANSA ESTATES,
CHENNAI.

Project Title:
PROPOSED RESIDENTIAL BUILDING, BLOCK-1
AT THIRUVOTTIYUR, CHENNAI.

Drawing Title:
LAYOUT & DETAILS OF FOUNDATION, COLUMN AND PLINTH BEAM

DATE : 15.10.2024
DESIGN : PRIYA
DWG NO : 01
FILE: VR-4//VRPC2022/800 Series/Diamond – Gems Park

STABILITY CERTIFICATE

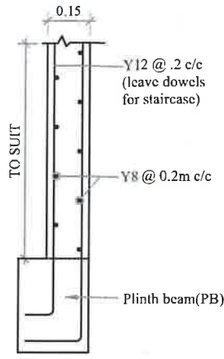


LAYOUT OF FOUNATION, PLINTH BEAM AND COLUMN (STILT, I, II & III) BLOCK-2

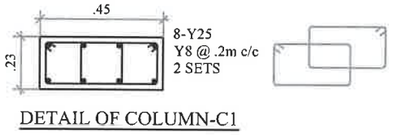
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FOOTING SCHEDULE

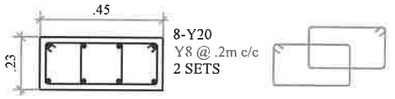
FOOTING MKD	FOOTING SIZE	EXCAVATION SIZE	D	REINFORCEMENT AT BOTTOM (BW)	REINFORCEMENT AT TOP (BW)
F1	2.00 x 2.00	2.15 x 2.15	.450	Y16 @ 0.15 C/C	----
F2	3.00 x 3.00	3.15 x 3.15	.525	Y12 @ 0.1 C/C	----
CF	4.00 x 3.00	4.15 x 3.15	.600	Y16 @ 0.1 C/C	Y12 @ 0.1 C/C



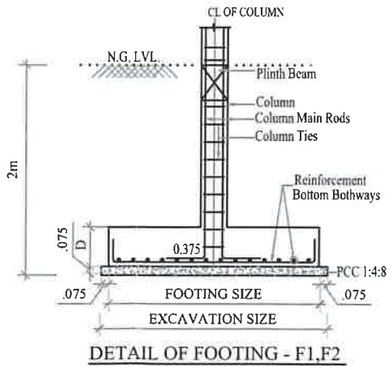
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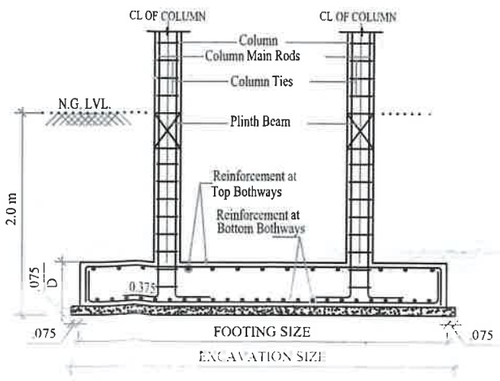
DETAIL OF COLUMN-C1



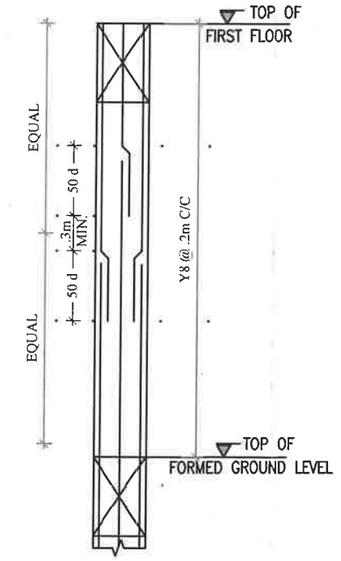
DETAIL OF COLUMN-C2



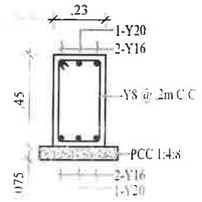
DETAIL OF FOOTING - F1,F2



DETAIL OF FOOTING - CF



TYPICAL DETAIL OF COLUMN FOR LAPPING OF COLUMN BARS



C.S OF PLINTH BEAM-PB

LEGENDS:

LVL : LEVEL
T&B : TOP & BOTTOM
B/W : BOTHWAYS
---- : TOP BAR
——— : BOTTOM BAR

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NOTES:
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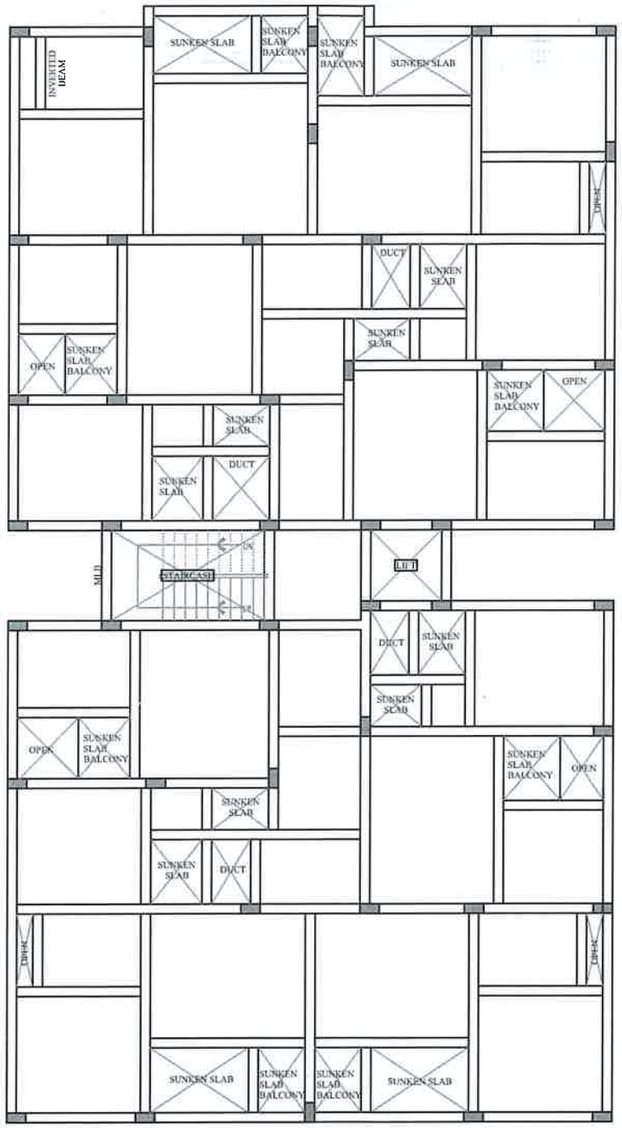
Client:
HANSA ESTATES,
CHENNAI

Project Title:
PROPOSED RESIDENTIAL BUILDING, BLOCK-2 AT THIRUVOTTIYUR, CHENNAI

Drawing Title:
LAYOUT & DETAILS OF FOUNDATION, COLUMN AND PLINTH BEAM

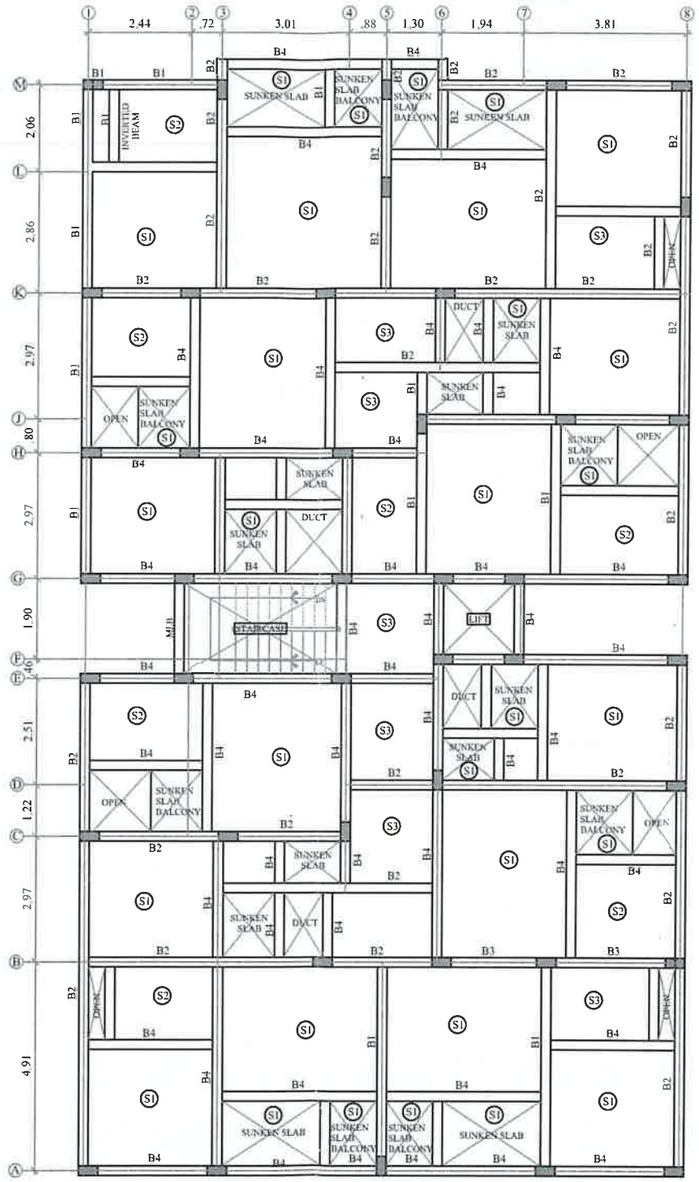
DATE : 15.10.24
DESIGN : PRIYA
DWG NO : 01

FILE: VR-4//VRPC2022/600 Series/Diamond – Gems Park



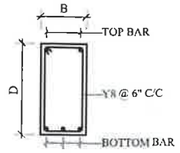
LAYOUT OF ROOF BEAM AND SLAB OVER TYP FLOORS (STILT, I, II & III) BLOCK-1

(ALL GRID DIMENSIONS SHALL BE CHECKED WITH ARCHITECTURAL DRG.)



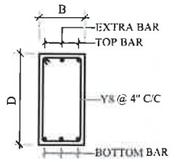
LAYOUT OF ROOF BEAM AND SLAB OVER TYP FLOORS (STILT, I, II & III) BLOCK-1

(ALL GRID DIMENSIONS SHALL BE CHECKED WITH ARCHITECTURAL DRG.)



SECTION A-A

(AT SPAN)



SECTION B-B

(AT SUPPORT)

LEGENDS:

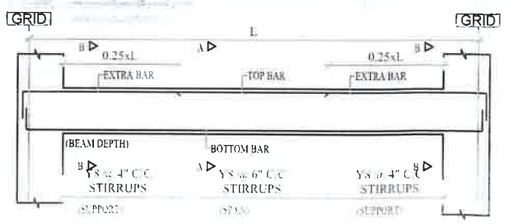
LVL	: LEVEL
T&B	: TOP & BOTTOM
B/W	: BOTHWAYS
----	: TOP BAR
——	: BOTTOM BAR

GENERAL NOTES :

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9. For beams, lapping of bars shall be avoided at top of beam at Column – Beam joint (i.e) at support.
10. For slab, wherever bars are not shown, provide Y10 @ 0.25 C/C (Distribution Steel)
11. For slab, chair rods shall be provided to keep top reinforcement in place
12. All dimensions are in "metres"

BEAM REINFORCEMENT DETAIL				
BEAM MKD	BEAM SIZE (B X D)	TOP BAR		BOTTOM BAR
		AT SUPPORT	AT SPAN	
B1	.230 X .525	2-Y20+1-Y16	2-Y20	2-Y20+1-Y16
B2	.230 X .600	2-Y20+1-Y25	2-Y20	2-Y20+1-Y25
B3	.230 X .525	2-Y20+1-Y20	2-Y20	2-Y20+1-Y20
B4	.230 X .450	2-Y16+1-Y16	2-Y16	2-Y16+1-Y20

SLAB REINFORCEMENT DETAIL			
BEAM MKD	SLAB THK	SHORTER SPAN	LONGER SPAN
S1	.15	Y8 @ .15 C/C	Y8 @ .15 C/C
S2	.15	Y8 @ .2 C/C	Y8 @ .15 C/C
S3	15	Y8 @ .2" C/C	Y8 @ .2 C/C



E.G.: TYPICAL BEAM

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NOTES:
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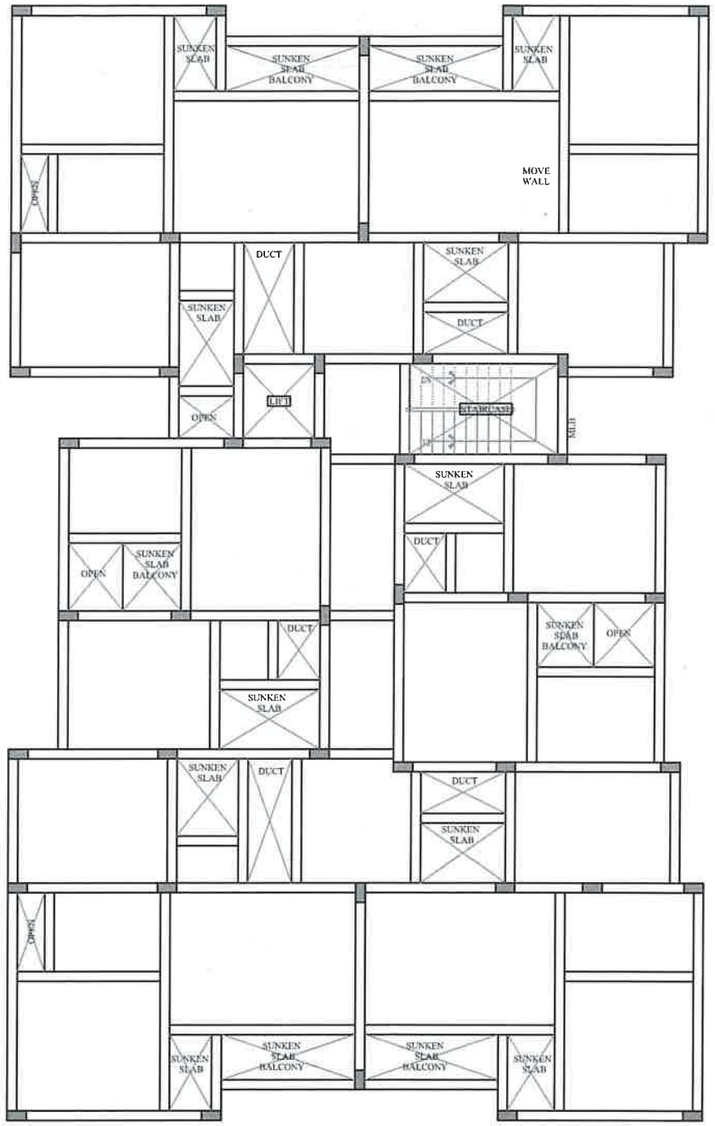
Client:
HANSA ESTATES,
CHENNAI

Project Title:
PROPOSED RESIDENTIAL BUILDING, BLOCK-1
AT THIRUVOTTIYUR, CHENNAI

Drawing Title:
LAYOUT & DETAILS OF ROOF SLAB & BEAMS OVER TYPICAL FLOOR

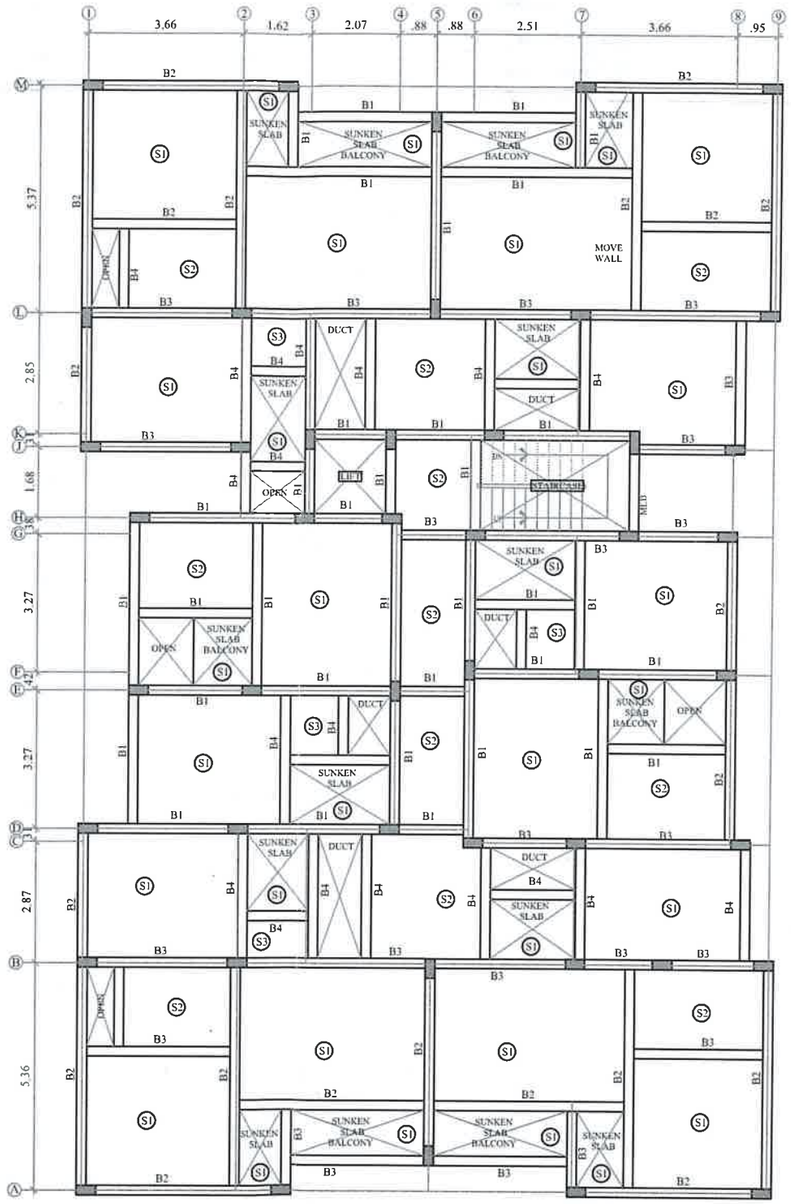
DATE : 15.10.2024

FILE: VR-4//VRPC2022/600 Series/Diamond – Gems Park



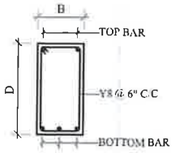
LAYOUT OF ROOF BEAM AND SLAB OVER TYP FLOORS (STILT, I, II & III) BLOCK-2

(ALL GRID DIMENSIONS SHALL BE CHECKED WITH ARCHITECTURAL DRG.)



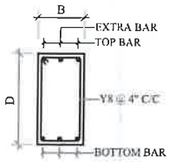
LAYOUT OF ROOF BEAM AND SLAB OVER TYP FLOORS (STILT, I, II & III) BLOCK-2

(ALL GRID DIMENSIONS SHALL BE CHECKED WITH ARCHITECTURAL DRG.)



SECTION A-A

(AT SPAN)



SECTION B-B

(AT SUPPORT)

LEGENDS:

LVL	: LEVEL
T&B	: TOP & BOTTOM
B/W	: BOTHWAYS
----	: TOP BAR
——	: BOTTOM BAR

GENERAL NOTES :

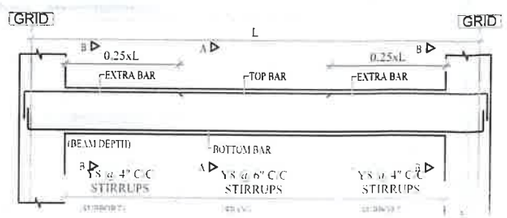
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12. All dimensions are in "metres"

BEAM REINFORCEMENT DETAIL

BEAM MKD	BEAM SIZE (B X D)	TOP BAR AT SUPPORT	TOP BAR AT SPAN	BOTTOM BAR
B1	.230 X .525	2-Y20+1-Y16	2-Y20	2-Y20+1-Y16
B2	.230 X .600	2-Y20+1-Y25	2-Y20	2-Y20+1-Y25
B3	.230 X .525	2-Y20+1-Y20	2-Y20	2-Y20+1-Y20
B4	.230 X .450	2-Y16+1-Y16	2-Y16	2-Y16+1-Y20

SLAB REINFORCEMENT DETAIL

BEAM MKD	SLAB THK	SHORTER SPAN	LONGER SPAN
S1	.15	Y8 @ .15 C/C	Y8 @ .15 C/C
S2	15	Y8 @ .2 C/C	Y8 @ .15 C/C
S3	15	Y8 @ .2" C/C	Y8 @ .2 C/C



L.S OF TYPICAL BEAM

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Client:
HANSA ESTATES,
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Project Title:
PROPOSED RESIDENTIAL BUILDING, BLOCK-2
AT THIRUVOTTIYUR, CHENNAI.

Drawing Title:
LAYOUT & DETAILS OF ROOF SLAB & BEAMS OVER TYPICAL FLOOR

DATE : 15.10.2024

FILE: VR-4//VRPC2022/600 Series/Diamond – Gems Park

THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

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Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.